



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

**DATA MATRIX**

Date Jul. 11, 2018

EPA Reg No./File Symbol 87373-

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Applicant's/Registrant's Name &amp; Address

Argite, LLC  
5000 CentreGreen Way, Suite 100  
Cary, NC 27513

Product

A357.02

Ingredient: Glufosinate-ammonium (CAS No. 77182-82-2; Chemical Code: 128850)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>PRODUCT SPECIFIC DATA REQUIREMENTS</b>					
830.1550	Product identity and composition	50619301	Argite, LLC	OWN	
830.1600	Description of Materials Used to Produce the Product	50619301	Argite, LLC	OWN	
830.1620	Description of the Production Process				Not required <sup>1</sup>
830.1650	Description of the Formulation Process	50619301	Argite, LLC	OWN	
830.1670	Discussion of Formation of Impurities	50619301	Argite, LLC	OWN	
830.1700	Preliminary Analysis				Not required <sup>1</sup>
830.1750	Certified Limits	50619301	Argite, LLC	OWN	
830.1800	Enforcement Analytical Method	50619301	Argite, LLC	OWN	
830.6302	Color	50619302	Argite, LLC	OWN	
830.6303	Physical State	50619302	Argite, LLC	OWN	
830.6304	Odor	50619302	Argite, LLC	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals and Metal Ions				Not required <sup>1</sup>
830.6314	Oxidation/Reduction: Chemical Incompatibility	50619302	Argite, LLC	OWN	
830.6315	Flammability	50619303	Argite, LLC	OWN	Waiver <sup>2</sup>
830.6316	Explosibility	50619303	Argite, LLC	OWN	Waiver / Not required <sup>3</sup>
830.6317	Storage Stability	50619303	Argite, LLC	OWN	PRN 92-5 <sup>4</sup>
830.6319	Miscibility	50619303	Argite, LLC	OWN	Waiver / Not required <sup>5</sup>

Signature

Name and Title

Nicole O'Loughlin | Senior Regulatory Consultant

Date

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830.6320	Corrosion Characteristics	50619303	Argite, LLC	OWN	PRN 92-5 <sup>4</sup>
830.6321	Dielectric Breakdown Voltage	50619303	Argite, LLC	OWN	Waiver / Not required <sup>6</sup>
830.7000	pH	50619302	Argite, LLC	OWN	
830.7050	UV/Visible Absorption				Not required <sup>1</sup>
830.7100	Viscosity	50619302	Argite, LLC	OWN	
830.7200	Melting Point/Melting Range				Not required <sup>1</sup>
830.7220	Boiling Point/Boiling Range				Not required <sup>1</sup>
830.7300	Density/Relative Density/Bulk Density	50619302	Argite, LLC	OWN	
830.7370	Dissociation Constants in Water				Not required <sup>1</sup>
830.7520	Particle size, fiber length, and diameter distribution	50619303	Argite, LLC	OWN	Waiver / Not required <sup>7</sup>
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not required <sup>1</sup>
830.7560	Partition Coefficient (n-octanol/water), Generator Method				Not required <sup>1</sup>
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				Not required <sup>1</sup>
830.7840	Water Solubility: Column Elution Method, Shake Flask Method				Not required <sup>1</sup>
830.7860	Water Solubility: Generator Column Method				Not required <sup>1</sup>

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Ingredient: Glufosinate-ammonium (CAS No. 77182-82-2; Chemical Code: 128850)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7950	Vapor Pressure				Not required <sup>1</sup>
870.1100	Acute oral toxicity – rat	49320009	United Phosphorus, Inc.	PAY	
870.1200	Acute dermal toxicity – rat	49320010	United Phosphorus, Inc.	PAY	
870.1300	Acute inhalation toxicity – rat	49320011	United Phosphorus, Inc.	PAY	
870.2400	Eye irritation	49320012	United Phosphorus, Inc.	PAY	
870.2500	Skin irritation	49320013	United Phosphorus, Inc.	PAY	
870.2600	Skin sensitization	49320014	United Phosphorus, Inc.	PAY	
GLUFOSINATE-AMMONIUM GENERIC DATA REQUIREMENTS					
A357.02 qualifies for Formulator's Exemption for Glufosinate-ammonium generic data requirements.					

Signature

Name and Title

Nicole O'Loughlin | Senior Regulatory Consultant

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## Endnotes for Data Matrix for A357.02

<sup>1</sup> **830.1620, 830.1700, 830.6313, 830.7050, 830.7200, 830.7220, 830.7370, 830.7550, 830.7560, 830.7570, 830.7840, 830.7860, and 830.7950** – As per OCSP 830.1000, these data are not required for the registration of an end-use product.

<sup>2</sup> **830.6315** – A357.02 is a water-based soluble liquid and does not contain flammable components. As such, Argite, LLC requests a waiver from this data requirement.

<sup>3</sup> **830.6316** – A357.02 and glufosinate do not contain chemical functional groups associated with explosive chemicals. A357.02 is not potentially explosive and therefore, Argite, LLC is requesting a waiver for this data requirement.

<sup>4</sup> **830.6317, 830.6320** – Argite, LLC is currently conducting storage stability and corrosion characteristics studies to satisfy guidelines 830.6317 and 830.6320, respectively. Per PR Notice 92-5, storage stability data are not required to be submitted unless specifically requested by the Agency. OCSP 830.6317 and 830.6320 guidelines allow the corrosion characteristics study and storage stability study to be conducted simultaneously. Argite, LLC will submit these data upon completion. Argite, LLC requests that a conditional registration for A357.02 be granted on the submission of these data.

<sup>5</sup> **830.6319** – A357.02 is not an emulsifiable concentrate to be diluted with petroleum solvents; therefore, these data are not applicable, nor are these data required. Please refer to the Confidential Statement of Formula and product label.

<sup>6</sup> **830.6321** – A357.02 is not proposed for use around electrical equipment; therefore, these data are not applicable, nor are they required.

<sup>7</sup> **830.7520** – A357.02 is not water insoluble nor a fibrous material with a diameter of  $\geq 0.1 \mu\text{m}$ ; therefore, these data are not applicable, nor are they required.